Index of Claims

09/777,725

Examiner

Jezia Riley

Application/Control No.

Applicant(s)/Patent under Reexamination

09/777,725

SWAGER, TIMOTHY M.

Examiner

Art Unit

| 1 | Rejected |
|---|----------|
| = | Allowed  |

| [- | (Through numeral)<br>Cancelled |
|----|--------------------------------|
| ÷  | Restricted                     |

| N | Non-Elected  | A |
|---|--------------|---|
| _ | Interference | 0 |

| A | Appeal   |
|---|----------|
| 0 | Objected |

1637

| Cla      | aim      | n Date          |         |              |         | Claim Date |        |           |  |             |          | ]            | С              | aim      | Date         |          |              |          |          |  |       |            |             |                 |          |          |          |          |          |          |          |
|----------|----------|-----------------|---------|--------------|---------|------------|--------|-----------|--|-------------|----------|--------------|----------------|----------|--------------|----------|--------------|----------|----------|--|-------|------------|-------------|-----------------|----------|----------|----------|----------|----------|----------|----------|
| ল        | naf      |                 |         |              |         |            |        |           |  | च           | nal      |              |                |          |              |          |              |          |          |  | al    | nal        | 90,         |                 |          |          |          |          |          |          |          |
| Final    | Original |                 |         |              |         |            |        |           |  | Final       | Original |              |                |          |              |          |              |          |          |  | Final | Original   | 6/22/05     |                 |          |          |          |          |          |          |          |
|          | 1        | -               |         | +            | +       | +-         | ╁      | +         | ┢  |             | 51       | H            | H              |          | +            | +        | ╅            | +        | ╁        |  |       | 101        | $\vdash$    | <b>+</b>        |          |          |          |          | -        |          |          |
|          | 2        | $\vdash$        | +       | ╁            | +       | ╁          | ╁      | +-        | <del> </del>                                     | $\vdash$    | 52       | <del> </del> | H              |          | $\dashv$     | +        | +            | +        | ┼        |  |       | 102        | $\vdash$    | H               | $\neg$   |          |          | $\vdash$ | $\dashv$ |          | -        |
|          | 3        | $\vdash$        | +       | +            | +-      | +          | +-     | +         | ┢  |             | 53       |              | H              | +        | $\dashv$     |          | ╅            | +        | ╁        |  |       | 103        | ╁           | $\vdash$        | -        |          |          | _        |          | $\dashv$ | -        |
|          | 4        |                 | _       | _            | $\top$  | $\top$     | $\top$ | 1         | 厂  |             | 54       | _            | $\vdash$       | _        | _            | _        | +            | 1        | ┢        |  |       | 104        | _           | H               |          |          |          |          |          | $\dashv$ | $\neg$   |
|          | 5        |                 | $\top$  | 1            | T       | T          | T      | $\top$    | $\vdash$   |             | 55       |              |                | 寸        | 十            | $\top$   | +            | +        | Т        |  |       | 105        | ┢           |                 |          |          |          |          | $\dashv$ |          | T        |
|          | 6        |                 |         | 1            | 1       |            | _      | 1         | Г  |             | 56       |              | $\Box$         | $\dashv$ | $\top$       | ┪        | 1            |          |          |  |       | 106        | v           |                 |          |          |          |          |          | 1        |          |
|          | 7        |                 |         | Τ            | T       | T          |        |           |  |             | 57       |              |                | $\neg$   | $\neg$       | $\top$   | İ            |          | Г        |  |       | 107        | v           | П               |          |          |          |          |          | $\neg$   |          |
|          | 8        |                 |         |              |         |            |        |           |  |             | 58       |              |                |          |              | $\Box$   |              |          |          |  |       | 108        | ٧           |                 |          |          |          |          |          |          |          |
| <u> </u> | 9        |                 | $\bot$  | ↓            | 1       | ┸          | ┸      | _         |  |             | 59       |              |                |          | $\perp$      |          |              |          |          |  |       | 109        | ٧           |                 |          |          |          |          |          |          |          |
| ļ        | 10       |                 |         | _            |         | 1          |        |           | Ш  | L           | 60       |              | $\sqcup$       |          | $\perp$      |          |              | <u> </u> |          |  |       | 110        | سَّ         | $\Box$          |          |          |          |          |          | $\Box$   |          |
|          | 11       | $\vdash$        | $\bot$  | $\perp$      | $\perp$ | $\bot$     | $\bot$ | ╀-        | <u> </u>   | <u> </u>    | 61       |              | $\Box$         | _        | $\perp$      | _        | $\bot$       | 1        | <u> </u> |  |       | 111        |             | Ш               |          |          | Ш        | L        |          | _        | _        |
|          | 12       | $\vdash \vdash$ | $\bot$  | $\perp$      | 4       | +          | +      | ┿         | <u> </u>   | <u> </u>    | 62       | Ш            | $\sqcup$       | $\perp$  | $\downarrow$ | _        | 4            | _        | <u> </u> |  |       | 112        | <u> </u>    | Ш               |          |          | Ш        | L_       |          | _        | _        |
| <u> </u> | 13       | ⊢-              | - -     | +            | +       | +-         | +      | +         |  | <u> </u>    | 63       | $\vdash$     | <del>   </del> | -        | - -          | _        | +            | +        | $\vdash$ |  |       | 113        | <u> </u>    | Щ               | _        |          | Ш        |          |          | _        | 4        |
|          | 14       | $\vdash$        |         | ╀            | +       | ╁          | ╁      | ╁         | -  |             | 64       | Н            | $\dashv$       | +        | +            | +        | +            | +        | -        |  |       | 114        | _           | Н               | _        |          |          | Ш        | $\dashv$ |          | _        |
|          | 15<br>16 | $\vdash$        | +       | +            | +       | +          | +      | +-        | <del>                                     </del> | <b></b>     | 65<br>66 | Н            | $\vdash$       | +        | +            | +        | +            | +        |          |  |       | 115<br>116 | -           | $\vdash$        | -        | _        |          |          | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 17       | +               | +       | +            | +       | +          | +      | +         |  | $\vdash$    | 67       | $\vdash$     | $\vdash$       | $\dashv$ | +            | +        | +            | +        | 1-       |  |       | 117        | ⊢           | Н               | $\dashv$ |          | $\vdash$ | $\vdash$ | -        |          | $\dashv$ |
|          | 18       | $\dashv$        |         | ╁            | +       | +          | +      | ╁         |  | <u> </u>    | 68       | -            |                | +        | +            | -        | +            | +        | ⊢        |  |       | 118        |             | $\vdash$        | $\dashv$ | _        |          |          | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 19       | $\dashv$        | +-      | +            | +       | ╫          | +      | +         | -  | -           | 69       | -            | -              | +        | +            | +        | +-           | +-       | -        |  |       | 119        | ┝           | Н               | $\dashv$ |          | -        |          |          | -        | $\dashv$ |
|          | 20       |                 | $\pm$   | +            | ╁       | 十          | ╅      | ╁         |  |             | 70       | Н            | -              | +        | $\dashv$     | +        | +            | +-       | ┢        |  |       | 120        | ┝           | Н               | $\dashv$ |          | $\vdash$ |          | $\dashv$ | -        | $\dashv$ |
|          | 21       |                 | ╅       | +-           | +       | +          | +      | $\dagger$ |  |             | 71       |              |                | _        | $\dashv$     | $\dashv$ | +            | +-       | $\vdash$ |  |       | 121        | $\vdash$    | $\vdash$        |          |          |          |          | $\dashv$ | -        | $\dashv$ |
|          | 22       |                 | +       | +            | ╅       | $\top$     | T      | 1         | _  |             | 72       |              | $\top$         | $\dashv$ | ╅            | +        | +            | +        |          |  |       | 122        | <del></del> | Н               | 一        |          |          |          |          | _        | $\dashv$ |
|          | 23       |                 | _       | T            | T       | T          |        | 1         |  |             | 73       |              |                | $\dashv$ | 十            | $\dashv$ | ╅            |          |          |  |       | 123        |             | П               |          |          |          |          |          | $\dashv$ |          |
|          | 24       |                 |         | T            |         | Ť          |        | Τ         |  |             | 74       |              |                | $\neg$   | $\neg$       | $\neg$   | $\top$       | $\top$   | T        |  |       | 124        |             | П               |          |          |          |          |          | 一        |          |
|          | 25       |                 |         |              |         |            |        |           |  |             | 75       |              |                | $\neg$   | T            | T        |              | $\top$   |          |  |       | 125        |             |                 |          |          |          |          |          |          |          |
|          | 26       |                 |         |              |         |            |        |           |  |             | 76       |              |                |          |              |          |              |          |          |  |       | 126        |             |                 |          |          |          |          |          |          |          |
|          | 27       |                 |         | 丄            | L       | $\perp$    |        |           |  |             | 77       |              |                |          |              |          |              |          |          |  |       | 127        |             |                 |          |          |          |          |          |          |          |
|          | 28       |                 |         | _            | _       | ┸          | ┺      | ļ         |  |             | 78       |              |                | $\perp$  |              | $\perp$  | $\perp$      | _        |          |  |       | 128        |             |                 |          |          |          |          |          |          |          |
|          | 29       |                 |         | ┸            | ┸       | 1          | 1      |           | Щ  |             | 79       |              | $\perp$        | _        | Ц.           | _ _      | $\perp$      | 1        | L        |  |       | 129        |             | Ц               |          |          |          | _        |          |          |          |
|          | 30       |                 | _       | ╀-           | ╀       | 4          | 4      | _         | Щ  |             | 80       |              |                | _        |              |          | $\perp$      | ٠.       |          |  |       | 130        |             |                 | _        | _        |          |          | _        | *        |          |
|          | 31       |                 | $\perp$ | ╀-           | 4       | 4          | 4-     | -         | Ш  |             | 81       |              | _              | _        | 4            | _        | _            |          |          |  |       | 131        |             |                 | _        |          |          |          | _        |          |          |
|          | 32       | +               | _       | ╂            | +       | ┿          | +      | $\vdash$  | Ш  |             | 82       | _            | _              | 4        | 4            | -        | +            |          | Н        |  |       | 132        |             |                 |          |          |          | _        | _        | _        | _        |
|          | 33<br>34 | +               | +-      | ╁            | +       | +          | +      | +         | Н  |             | 83       | $\vdash$     | -+             | +        | +            | +        | +            | +        | $\vdash$ |  |       | 133        | <u> </u>    | $\vdash$        | <b></b>  |          |          | $\dashv$ | _        |          | 4        |
|          | 35       | $\dashv$        | +       | ╁            | +       | +          | +      | $\vdash$  | Н  |             | 84<br>85 |              | +              | +        | +            | +        | +            | +        | $\vdash$ |  |       | 134        | <b>—</b>    | $\vdash \vdash$ |          | $\dashv$ |          | -        |          | $\dashv$ | _        |
|          | 36       | +               | +       | ╁╌           | ╁       | ╁          | ╁╌     | +         | $\vdash\vdash$                                   |             | 86       | $\vdash$     |                | +        | +            | -+       | +            | +-       | $\vdash$ |  |       | 135        | $\vdash$    | $\vdash \vdash$ |          | -        | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ |
| -        | 37       | $\dashv$        | +       | ╁╌           | ╁       | +          | +      | $\vdash$  | $\vdash \vdash$                                  |             | 87       | -            | $\dashv$       | +        | +            | +        | +            | +-       | $\vdash$ |  |       | 136<br>137 | -           | -               |          | $\dashv$ |          |          |          | +        | $\dashv$ |
|          | 38       | -+              | +       | ╁            | +       | +          | +      | +         | Н  | <del></del> | 88       |              | +              | +        | +            | +        | +            | +        | $\vdash$ |  |       | 137        | _           | $\vdash \vdash$ |          |          | -        | -        | $\dashv$ | $\dashv$ |          |
|          | 39       | $\dashv$        | +-      | +            | +       | ╁          | +      | $\vdash$  | Н  |             | 89       | $\dashv$     | $\dashv$       | +        | +            | +        | +            | +        | $\vdash$ |  |       | 139        |             | H               | $\dashv$ | $\dashv$ | -        |          | $\dashv$ | +        |          |
|          | 40       | $\dashv$        | +       | ╁            | +       | +          | +      | +-        | H  | <u> </u>    | 90       | $\vdash$     | $\dashv$       | +        | +            | $\dashv$ | +            | +        | $\vdash$ |  |       | 140        |             | ├─┤             | $\dashv$ | $\dashv$ |          |          | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 41       | +               | $\top$  | +            | +       | t          | +      | $\vdash$  | Н  |             | 91       | $\vdash$     | $\dashv$       | +        | +            | $\dashv$ | +            | +        | H        |  |       | 141        |             | $\vdash$        | $\dashv$ |          | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 42       | $\dashv$        | ╅       | T            | $\top$  | T          | T      | T         | Н  |             | 92       |              | $\dashv$       | +        | +            | +        | +            | +        | Н        |  |       | 142        |             | $\vdash$        | $\dashv$ |          |          |          | -        | $\dashv$ | $\dashv$ |
|          | 43       | $\neg$          | $\top$  | T            | $\top$  | †          | $\top$ | $\top$    |  |             | 93       | _            | $\dashv$       | 1        | $\dagger$    | +        | +            | $\top$   | $\vdash$ |  |       | 143        |             |                 | $\dashv$ | $\dashv$ | ┪        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 44       |                 | 1       | $\top$       | 1       | T          | $\top$ |           |  |             | 94       | $\dashv$     | $\dashv$       | _        | $\top$       | $\top$   | $\top$       | $\top$   | Н        |  | •     | 144        |             | H               |          | $\dashv$ | 一        | $\neg$   | $\neg$   | $\dashv$ | $\dashv$ |
|          | 45       |                 |         |              |         |            |        |           |  |             | 95       | 寸            | 十              | $\top$   | 十            | $\top$   | $\top$       | 1        | П        |  |       | 145        |             |                 |          |          | $\neg$   | $\neg$   | $\neg$   | $\neg$   | ヿ        |
|          | 46       |                 |         | $oxed{\Box}$ |         | Ι          | Ι      |           |  |             | 96       |              | 7              | 1        | $\top$       | $\top$   | Т            | T        | П        |  |       | 146        |             |                 |          | $\neg$   |          |          |          | $\dashv$ | 一        |
|          | 47       |                 | Ι       | Γ            |         | Γ          | Γ      |           |  |             | 97       |              |                |          | T            |          | $oxed{oxed}$ |          |          |  |       | 147        |             |                 |          |          |          |          |          | $\dashv$ | $\dashv$ |
|          | 48       |                 |         |              |         |            |        |           |  |             | 98       |              |                |          |              |          | $\mathbf{I}$ |          |          |  |       | 148        |             |                 |          | $\neg$   |          | $\Box$   |          | 寸        | $\neg$   |
|          | 49       | $\perp$         |         |              |         |            |        |           |  |             | 99       |              | $\Box$         | I        | I            | I        | Ι            |          |          |  |       | 149        |             |                 |          |          |          |          |          |          |          |
|          | 50       |                 |         |              |         | L          |        |           |  |             | 100      |              | T              | T        | T            |          | Т            |          |          |  |       | 150        |             |                 |          | ╗        |          |          | $\neg$   | T        |          |